

From: "Eron Dodak" <edodak@integral-corp.com>  
To: "Novak, Madi" <Novak.Elisabeth@epa.gov>  
CC: "Michael PINTO" <michael.pinto@totalenergies.com>  
petersonle@cdm.com  
Date: 5/3/2022 2:59:20 PM  
Subject: RE: Arkema Project Area - Draft FCR-17

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Thanks Madi!

**ERON DODAK**

Tel: 503.943.3614 | Cell: (b) (6)

**INTEGRAL CONSULTING INC.**

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From: Novak, Madi <Novak.Elisabeth@epa.gov>  
Sent: Tuesday, May 3, 2022 2:53 PM  
To: Eron Dodak <edodak@integral-corp.com>  
Cc: Michael PINTO <michael.pinto@totalenergies.com>; petersonle@cdm.com  
Subject: RE: Arkema Project Area - Draft FCR-17

[CAUTION: External email. Think before you click links or open attachments.]  
Got it! Yes, that make sense to me, please proceed with the step-in cores you propose.  
Madi

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From: Eron Dodak <edodak@integral-corp.com>  
Sent: Tuesday, May 3, 2022 2:50 PM  
To: Novak, Madi <Novak.Elisabeth@epa.gov>  
Cc: Michael PINTO <michael.pinto@totalenergies.com>; petersonle@cdm.com  
Subject: RE: Arkema Project Area - Draft FCR-17

Hi Madi,

Attached is the screenshot. Please let me know if this makes it through your email system. Thanks!

**ERON DODAK**

Tel: 503.943.3614 | Cell: (b) (6)

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From: Novak, Madi <Novak.Elisabeth@epa.gov>  
Sent: Tuesday, May 3, 2022 2:44 PM  
To: Eron Dodak <edodak@integral-corp.com>  
Cc: Michael PINTO <michael.pinto@totalenergies.com>; petersonle@cdm.com  
Subject: RE: Arkema Project Area - Draft FCR-17

[CAUTION: External email. Think before you click links or open attachments.]  
Hi Eron, the image isn't coming through on my end, would you mind trying again? Thanks, Madi

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From: Eron Dodak <edodak@integral-corp.com>  
Sent: Tuesday, May 3, 2022 1:57 PM  
To: Novak, Madi <Novak.Elisabeth@epa.gov>  
Cc: Michael PINTO <michael.pinto@totalenergies.com>; petersonle@cdm.com  
Subject: FW: Arkema Project Area - Draft FCR-17

Hi Madi,

We received chlorobenzene data for the bottom three sample intervals from cores SC-60-O2 and SC-64-O2. All the samples were below the remediation thresholds for chlorobenzene. LSS proposes two "step-in" cores at the blue squares shown in the screenshot below to further bound the chlorobenzene remediation threshold exceedances.

These step-in cores will be included in FCR-18 that will be submitted to you this week.

Please let us know if it is ok to proceed with the additional step-in cores. Thanks!

**ERON DODAK**

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**From:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Sent:** Tuesday, April 26, 2022 4:26 PM  
**To:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterstone@cdm.com](mailto:peterstone@cdm.com)  
**Subject:** RE: Arkema Project Area - Draft FCR-17

[CAUTION: External email. Think before you click links or open attachments.]

Hi Eron,  
EPA approves proceeding with the step-out borings you propose below.  
Thank you,  
Madi

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**From:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Sent:** Tuesday, April 26, 2022 3:06 PM  
**To:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterstone@cdm.com](mailto:peterstone@cdm.com)  
**Subject:** FW: Arkema Project Area - Draft FCR-17

Hi Madi,

We just received preliminary chlorobenzene for station SC-52-O and there are some remediation threshold exceedances. Additional 150 ft step-out borings are warranted toward the navigation channel and downstream from SC-52-O. LSS

proposes three additional 150 ft step-outs from this station, SC-52-O2, SC-47-O, and SC-47-O2, as shown in the screenshot below.

In addition, LSS proposes two step-outs on the upstream portion of the dock area to bound the chlorobenzene remediation thresholds in this area, SC-67-O2 and SC-72-O, as shown in the screenshot below.

All of these newer step-outs will be included in FCR-18 that will be submitted to you in the next week.

Please let us know if it is ok to proceed with the additional step-out borings. Thanks!

**ERON DODAK**

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**INTEGRAL CONSULTING INC.**

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**From:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Sent:** Monday, April 25, 2022 2:37 PM  
**To:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterstone@cdm.com](mailto:peterstone@cdm.com)  
**Subject:** RE: Arkema Project Area - Draft FCR-17

[CAUTION: External email. Think before you click links or open attachments.]

Thank you Eron, Yes, EPA approves proceeding with the additional step-out borings. Would you please submit an FCR when you have a moment to document this change?

Thank you,  
Madi

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**From:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Sent:** Monday, April 25, 2022 2:33 PM  
**To:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterstone@cdm.com](mailto:peterstone@cdm.com)  
**Subject:** FW: Arkema Project Area - Draft FCR-17



Hi Madi,

Per FCR-17, step-out cores were collected at SC-52-O, SC-56-O, SC-60-O, SC-64-O, SC-67-O, and SC-70-O. We have received preliminary chlorobenzene data from some of the cores and there are remediation threshold exceedances for chlorobenzene at stations SC-56-O, SC-60-O, and SC-64-O. Additional 150 ft step-outs from these three borings are warranted.

LSS proposes an additional row of step-outs 150 ft from these three stations. Please let us know if it is ok to proceed with the additional step-out borings.

Please let me or Mike know if you have any questions about this request. Thanks!

**ERON DODAK**

Tel: 503.943.3614 | Cell: (b) (6)

**INTEGRAL CONSULTING INC.**

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**From:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Sent:** Monday, April 4, 2022 5:18 PM  
**To:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterpersonle@cdm.com](mailto:peterpersonle@cdm.com)  
**Subject:** RE: Arkema Project Area - Draft FCR-17

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Hi Eron,

Please see attached approved FCR-17. Also, please consider collecting an additional step out sample to the east of SC-70 and to the north of SC-52 to adequately delineate chlorobenzene contamination in these directions. This would allow for greater certainty during interpolation of SMAs in these areas.

Thank you,  
Madi

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**From:** Eron Dodak <[edodak@integral-corp.com](mailto:edodak@integral-corp.com)>  
**Sent:** Thursday, March 31, 2022 6:16 PM  
**To:** Novak, Madi <[Novak.Elisabeth@epa.gov](mailto:Novak.Elisabeth@epa.gov)>  
**Cc:** Michael PINTO <[michael.pinto@totalenergies.com](mailto:michael.pinto@totalenergies.com)>; [peterpersonle@cdm.com](mailto:peterpersonle@cdm.com)  
**Subject:** Arkema Project Area - Draft FCR-17

Hi Madi,

Attached for your review is the draft FCR for the step-out cores in the navigation channel to delineate chlorobenzene.

Please let me know if you have any questions or comments. Thanks!

**ERON DODAK | Senior Science Advisor**

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